

**IFWO** 

RAW SEQUENCE LISTING DATE: 08/30/2004 PATENT APPLICATION: US/10/766,102 TIME: 14:43:58

Input Set : N:\Crf3\RULE60\10766102.raw.txt
Output Set: N:\CRF4\08302004\J766102.raw

```
1 <110> APPLICANT: Schnable, Patrick S.
           Liu, Feng
   3
           Fu, Yan
   4 <120> TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING MULTIPLE
      START CODONS AND HISTIDINE TAGS
   6 <130> FILE REFERENCE: 08411-027001
   7 <140> CURRENT APPLICATION NUMBER: US/10/766,102
   8 <141> CURRENT FILING DATE: 2004-01-27
   9 <150> PRIOR APPLICATION NUMBER: US/09/897,776
  10 <151> PRIOR FILING DATE: 2001-06-29
  11 <150> PRIOR APPLICATION NUMBER: US 09/732,990
  12 <151> PRIOR FILING DATE: 2000-12-08
  13 <150> PRIOR APPLICATION NUMBER: US 60/169,725
  14 <151> PRIOR FILING DATE: 1999-12-08
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  16 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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  21 <213> ORGANISM: Artificial Sequence
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  23 <223> OTHER INFORMATION: Synthetically generated oligonucleotide
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> 26 <221> CDS
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  30
           Lys Leu His His His His His Ala Ser Pro Pro Pro Pro Arg Ile
  31
                            5
           atc atc acc acc tcg agc gtc aca cta gct gag taa gca tgc
                                                                                 93
           Ile Ile Thr Ile Thr Ser Ser Val Thr Leu Ala Glu Ala Cys
  33
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  41 <223> OTHER INFORMATION: Synthetically generated oligonucleotide
  42 <400> SEQUENCE: 2
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           cctcqa
  46 <210> SEQ ID NO: 3
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## RAW SEQUENCE LISTING DATE: 08/30/2004 PATENT APPLICATION: US/10/766,102 TIME: 14:43:58

Input Set: N:\Crf3\RULE60\10766102.raw.txt
Output Set: N:\CRF4\08302004\J766102.raw

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		ORGANISM: Artificial Sequence	
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		OTHER INFORMATION: primer for PCR	
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10	<210	> SEQ ID NO: 9	
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### RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/766,102

DATE: 08/30/2004 TIME: 14:43:58

Input Set : N:\Crf3\RULE60\10766102.raw.txt
Output Set: N:\CRF4\08302004\J766102.raw

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118	<210>	SEQ ID NO: 11	
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# RAW SEQUENCE LISTING DATE: 08/30/2004 PATENT APPLICATION: US/10/766,102 TIME: 14:43:58

Input Set : N:\Crf3\RULE60\10766102.raw.txt
Output Set: N:\CRF4\08302004\J766102.raw

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		ORGANISM: Artificial Sequence	
		FEATURE:	
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171		gacgtcgcat gcttactcag ctagtgtgat ggtgatgatg atggcctatg gtggtggtgg	67
172		tgatgcg	0,
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		TYPE: DNA	
		ORGANISM: Artificial Sequence	
		FEATURE:	
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	<400>	SEQUENCE: 17	60
181		taatacgact cactataggg agaccacaac ggtttccctc tagaaataat tttgtttaac	97
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		TYPE: DNA	
		ORGANISM: Artificial Sequence	
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206	<220>	FEATURE:	
207	<223>	OTHER INFORMATION: Synthetically generated peptide	
		SEQUENCE: 20	
209		Lys Leu His His His His His Ala Ser Pro Pro Pro Arg Ile	
210		1 5 10 15	

DATE: 08/30/2004

TIME: 14:43:58

### Input Set : N:\Crf3\RULE60\10766102.raw.txt Output Set: N:\CRF4\08302004\J766102.raw Ile Ile Thr Ile Thr Ser Ser Val Thr Leu Ala Glu 211 25 214 <210> SEO ID NO: 21 215 <211> LENGTH: 93 216 <212> TYPE: DNA 217 <213> ORGANISM: Artificial Sequence 218 <220> FEATURE: 219 <223> OTHER INFORMATION: Synthetically generated oligonucleotide -> 220 <221> NAME/KEY: CDS 221 <222> LOCATION: (2)...(76) -> 222 <221> CDS 223 <222> LOCATION: (80)...(91) W--> 224 <400> 21 225 a ago tto acc acc atc atc atc acg cat cac cac cac cac cac gca tca Ser Phe Thr Thr Ile Ile Ile Thr His His His His His Ala Ser 226 227 1 10 5 tca tca cca tca cct cga gcg tca cac tag ctg agt aag cat 91 228 Ser Ser Pro Ser Pro Arg Ala Ser His Leu Ser Lys His 229 25 230 20 93 231 gc 233 <210> SEQ ID NO: 22 234 <211> LENGTH: 25 235 <212> TYPE: PRT 236 <213> ORGANISM: Artificial Sequence 237 <220> FEATURE: 238 <223> OTHER INFORMATION: Synthetically generated peptide 239 <400> SEQUENCE: 22 Ser Phe Thr Thr Ile Ile Ile Thr His His His His His Ala Ser 240 10 241 1 242 Ser Ser Pro Ser Pro Arg Ala Ser His 243 245 <210> SEQ ID NO: 23 246 <211> LENGTH: 4 247 <212> TYPE: PRT 248 <213> ORGANISM: Artificial Sequence 249 <220> FEATURE: 250 <223> OTHER INFORMATION: Synthetically generated peptide 251 <400> SEQUENCE: 23 Leu Ser Lys His 252 253 1 255 <210> SEQ ID NO: 24 256 <211> LENGTH: 93 257 <212> TYPE: DNA 258 <213> ORGANISM: Artificial Sequence 259 <220> FEATURE: 260 <223> OTHER INFORMATION: Synthetically generated oligonucleotide -> 261 <221> NAME/KEY: CDS 262 <222> LOCATION: (3)...(80)

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/766,102

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### VERIFICATION SUMMARY

DATE: 08/30/2004 PATENT APPLICATION: US/10/766,102 TIME: 14:43:59

Input Set : N:\Crf3\RULE60\10766102.raw.txt Output Set: N:\CRF4\08302004\J766102.raw

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